

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-098960

(43)Date of publication of application : 05.04.2002

(51)Int.Cl.

G02F 1/13357
 F21V 8/00
 G02B 6/00
 G09F 9/00
 // F21Y103:00

(21)Application number : 2000-291480

(71)Applicant : CASIO COMPUT CO LTD

(22)Date of filing : 26.09.2000

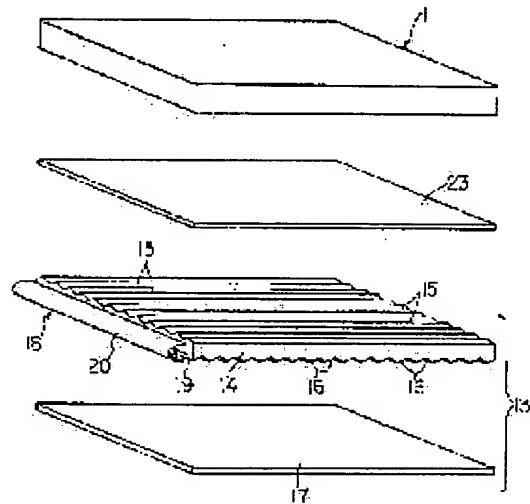
(72)Inventor : SUZUKI TAKESHI

(54) DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a transreflective display device, capable of obtaining high frontal luminance both in a reflective display when using external light and in a transmissive display and using illumination light from a backlight.

SOLUTION: A plurality of long and narrow prism parts 15, 16 are tightly aligned and formed, in parallel with each other respectively on the front face and the rear face of a light transmitting plate 14 of the backlight 13, located on the rear side of a liquid crystal display element 1. Reflected light and illuminating light are emitted, being condensed in two directions which are made nearly perpendicular and intersecting with each other, by making the longitudinal directions of the front and rear prism parts 15, 16 intersect nearly perpendicular with each other.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office